

Title (en)
SWIMMING FLIPPER

Title (de)
SCHWIMMFLOSSE

Title (fr)
PALME DE NATATION

Publication
EP 3478373 B1 20210901 (EN)

Application
EP 17792288 A 20170502

Priority
• AU 2016901687 A 20160506
• AU 2017050404 W 20170502

Abstract (en)
[origin: WO2017190189A1] A swimming flipper (1) comprising a foot portion (2) and substantially flat blade portion (3) extending there from, said blade portion (3) having provided on each longitudinal side thereof at least two opposed rails (4/5) extending inwardly and at an angle equal to or less than 90 degrees to the plane of said blade portion (3), and said blade portion (3) having provided at least two ridges (7/8) preferably underneath the blade portion (3) extending longitudinally from the foot portion (2), said foot portion (2) having provided a one-piece strap (6), and said foot portion (2) having provided at least two fixed couplings (11/12) to engage and disengage with the corresponding and opposing couplings of another said flipper portion (1) to interlock and hold two flippers attached to each other.

IPC 8 full level
A63B 31/11 (2006.01); **A63B 71/00** (2006.01)

CPC (source: EP KR US)
A63B 31/00 (2013.01 - US); **A63B 31/11** (2013.01 - EP KR US); **A63B 71/0036** (2013.01 - EP); **A63B 2031/112** (2013.01 - EP KR US); **A63B 2208/03** (2013.01 - US); **A63B 2209/00** (2013.01 - EP KR US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017190189 A1 20171109; AU 2017202641 A1 20171123; AU 2017260572 A1 20181213; AU 2017260572 B2 20200625; BR 112018072641 A2 20190219; CN 109069905 A 20181221; CN 109069905 B 20200821; EP 3478373 A1 20190508; EP 3478373 A4 20200212; EP 3478373 B1 20210901; JP 2019516528 A 20190620; KR 102171413 B1 20201029; KR 20190002663 A 20190108; US 10688347 B2 20200623; US 2019151718 A1 20190523

DOCDB simple family (application)
AU 2017050404 W 20170502; AU 2017202641 A 20170420; AU 2017260572 A 20170502; BR 112018072641 A 20170502; CN 201780027964 A 20170502; EP 17792288 A 20170502; JP 2019510727 A 20170502; KR 20187034957 A 20170502; US 201716098139 A 20170502